



## CD276 rabbit pAb

Cat No.:ES4015

For research use only

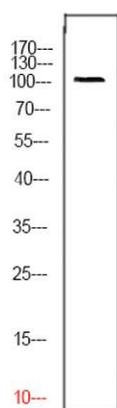
### Overview

<b>Product Name</b>	CD276 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human CD276. AA range:271-320
<b>Specificity</b>	CD276 Polyclonal Antibody detects endogenous levels of CD276 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	CD276 antigen
<b>Gene Name</b>	CD276
<b>Cellular localization</b>	Membrane ; Single-pass type I membrane protein .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	100kd
<b>Human Gene ID</b>	80381
<b>Human Swiss-Prot Number</b>	Q5ZPR3
<b>Alternative Names</b>	CD276; B7H3; PSEC0249; CD276 antigen; 4lg-B7-H3; B7 homolog 3; B7-H3; Costimulatory molecule; CD276
<b>Background</b>	The protein encoded by this gene belongs to the immunoglobulin superfamily, and thought to participate in the regulation of T-cell-mediated immune response. Studies show that while the transcript of this gene is ubiquitously expressed in



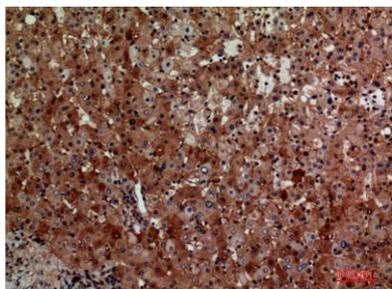


normal tissues and solid tumors, the protein is preferentially expressed only in tumor tissues. Additionally, it was observed that the 3' UTR of this transcript contains a target site for miR29 microRNA, and there is an inverse correlation between the expression of this protein and miR29 levels, suggesting regulation of expression of this gene product by miR29. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011],



Western Blot analysis of 293 cells using CD276 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

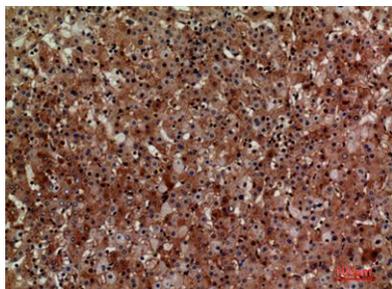
Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100



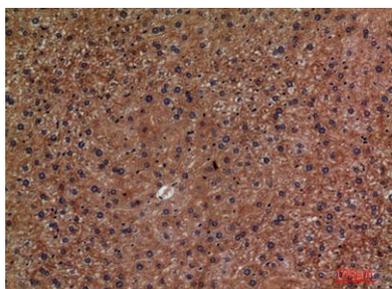


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Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded mouse-liver, antibody was diluted at 1:100



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